SONY

VPCEB16FDB

VAIO® E Series Notebook PC

Colorful Life. Colorful PC.

POWERFUL PERFORMANCE

Enjoy the performance of an Intel® Core™ i3 - 330M processor (2.13GHz[1]) and 4GB of pre-installed system memory.

The VAIO® E Series notebook comes pre-installed with Genuine Microsoft® Windows® 7 Home Premium - Bilingual (English/French).

An ATI Mobility Radeon™ HD 5470 graphics card with 512MB VRAM offers smooth HD playback.

Store your favorite multimedia, important documents, and cherished family photos on the massive 500GB[2] hard drive.

A 15.5" (1366x768) widescreen display[4] uses power-efficient LCD technology to deliver dazzling colors and stunning picture clarity.

SMARTER TECHNOLOGY

A built-in Assist button launches VAIO Care™ software, a simple do - it yourself PC maintenance tool for tune-ups, troubleshooting and more.

Enjoying your media has never been more fun with the uniquely smart and easy-to-use Sony® Creativity Suite. Get instantly organized with smart sorting features, create personal masterpieces with easy-to-use creative tools and rediscover forgotten music and memories with breakthrough technology that recommends content based on your unique listening and viewing habits.

BORN FROM SONY® HD TECHNOLOGY

A Blu-ray Disc™ optical drive lets you playback[15] Blu-ray Disc™ movies in crystal-clear resolution.

Take advantage of the convenience and utility of DVD and CD read/write functionalities.

An HDMI™ output delivers video and audio to external sources via a single cable so you can enjoy HD entertainment on your compatible big screen TV without a myriad of extra cables (HDMI™ cable sold separately)[12] .

ENDLESS FEATURES

Enjoy instant, one touch access to the web without booting up Windows® using the Web button

The edge to edge isolated keyboard has a numeric pad built-in, giving you the experience of using a larger computer in a much smaller footprint. And with a pleasant-feeling textured touchpad that is integrated into the palmrest, your hands and fingers will be happy to compute.

Stay connected to friends and family with real-time video conferencing[10] using the integrated MOTION EYE® camera and microphone.

Extend the reach of your E Series notebook with Stereo A2DP Bluetooth® technology [16] that's ideal for connecting to other Bluetooth-enabled peripherals.

Performance and multimedia entertainment in a colorful and affordable 15.5" widescreen notebook[4] with an integrated number pad. An Intel® Core™ i3 processor, Blu-ray Disc™ drive[15] and an ATI ™ dedicated graphics gives you smart performance and amazing picture quality all in a sleek, up-market design.

VAIO

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VAIO® E Series Notebook PC

Specifications

General

Computer Type: Notebook

Action Buttons: VAIO, Assist, Web button, Wireless on / off

Pointing Device: Electro-static touchpad

Hardware

Keyboard: QWERTY, 103 keys with 2.0mm stroke and 19.05mm pitch - Bilingual (English/French)

Camera: Built-in MOTION EYE® camera and microphone with face-tracking technology

10-Key Numeric Pad: Yes

Processor

Type: Intel® Core™ i3 - 330M

Speed: 2.13GHz[1]

Technology: Intel® Hyper-Threading Technology[17]

L3 Cache: 3MB

Memory

Installed: 4GB (2GBx2)

Maximum: 8GB

Type/Speed: DDR3/1066MHz

Hard Drive

Capacity: 500GB[2]

Speed: 5400rpm

Type: Serial ATA

Optical Drive

BD-R DL Read: 4x max

BD-R Read: 6x max

BD-RE DL Read: 4x max

BD-RE Read: 4x max

BD-ROM Read: 6x max

Blu-ray Disc™ Support: Read Only[15] (BD-ROM)

CD Support: Read / Write (CD/-R/-RW)

DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (STD / Duo) media slot with MagicGate® functionality
One ExpressCard® /34 media slot
One Secure Digital (SD memory card) media slot

Audio

Sound System: Intel® High Definition Audio

Display

Screen Size: 15.5"[4]

Resolution: 1366 x 768

Graphics

Processor: ATI Mobility Radeon™ HD 5470 Total Available Graphics Memory of 2231MB (max.)[9]

Video RAM: 512MB of dedicated video RAM

Chipset: Mobile Intel® HM55 Express Chipset

Max. External Resolution via VGA: 2048x1536

Max. External Display Resolution via HDMI™ : 1920x1080[12]

Inputs and Outputs

Headphone Jack: 1

Microphone Input: 1

USB Port(s): 3 (USB) 2.0, 1 (eSATA)

VGA Output(s): 1

DC-In: 1

Ethernet Connection (s): 1

HDMI™ Output: 1

Internal Microphone: 1

Power

Battery Type: Standard Capacity Lithium-ion Battery

Estimated Battery Life: Up to TBDhours[7] Standard Capacity Battery

Power Requirements: TBD

Start-up Times

Average Boot Time: 60 sec[13]

Average Resume Time from Suspend: 2 sec[13]

First Boot Time: 5 min[14]

Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T

Ethernet Speed: Fast Ethernet (RJ-45)

Wi-Fi: 802.11 b/g/n[3]

Bluetooth® Technology: Integrated Stereo A2DP (2.1 + EDR)[16]

Software

Operating System: Microsoft® Windows® 7 Home Premium 64-bit - Bilingual (English/French)[11]

System Maintenance and Support: VAIO Care™ - System diagnostics and maintenance

Sony® Creativity Suite: PMB – VAIO® Edition - Import, organize, edit and publish in one easy-to-use program
VAIO® Media Gallery - Bring forgotten favorites to life
VAIO® Media Plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Service and Warranty Information

Telephone Support: 1 Year [8]

International Service: 1 year international service plan. Registration required. See www.sony.com/IRSP for details.

Limited Warranty Term: 1 Year

Environmental Information

EPEAT™ : Silver

RoHS®: Compliant

ENERGY STAR®: 5.0

Dimensions

Weight: 5.9 lbs (with standard capacity battery)

Measurements: 14.56"(W) x 1.22"(H) x 9.77"(D)[5]

Supplied Accessories

Standard Capacity Lithium-ion Battery (3500mAh)

AC Adapter

Power Cord

Optional Accessories

Stick AC Adapter (VGP-AC19V30)

Additional Standard Capacity Battery (VGP-BPS22A)

VAIO Backpack (VGP-CCB6/B)

Campus Messenger Bag (VGP-AMB14/B)

Reversible Carrying Case (VGP-AMC9)

Keyboard Skin (VGP-KBV3)

Bluetooth® Interchangeable Mouse (VGP-BMS15)

Bluetooth® Interchangeable Mice Covers (VGP-BMC15)

Color: Lava Black

1. GHz denotes microprocessor internal clock speed and may vary.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Viewable area measured diagonally.
5. Measured at the narrowest point
6. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
7. Actual battery life may vary based on product settings, usage patterns and environmental conditions.
8. See actual limited warranty for details.
9. Total Available Graphics Memory refers to the new Windows® 7classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
10. Broadband Internet service required along with third party services which may require a subscription or other service fee.
11. Compatibility and performance in a 64-bit environment may vary.
12. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
13. Based on original factory image and will vary with product configuration changes and additional software added to the hard drive.
14. Excluding end user interaction
15. Certain circumstances may limit/prevent Blu-ray Disc™ media playback.
16. Interoperability and compatibility among Bluetooth® devices vary.
17. Intel® Hyper-Threading Technology (Intel® HT Technology) requires a computer system with a processor supporting Intel HT Technology and an Intel HT Technology-enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice. Non-metric weights and measures are approximate and may vary.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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